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## IN THE UNITED STATES PATENT AND TRADEMARK OFFICE

IN RE APPLICATION OF : CONFIRMATION NO. 9324  
KENICHI WAKUI : EXAMINER: HAILEY, P.  
SERIAL NO.:10/542,787  
FILED: FEBRUARY 6, 2006 : Group Art Unit: 1793  
FOR: PROCESS OF CATALYTIC CRACKING OF HYDROCARBON

COMMISSIONER FOR PARENTS  
ALEXANDRIA, VIRGINIA 22313

Sir:

**CERTIFICATION**

I, Kenichi Hirasawa, Patent Attorney of Ohtani Patent Office, Bridgestone Toranomon Building 6F, No. 25-2, Toranomon 3-chome, Minato-ku, Tokyo, 105-0001, Japan do hereby certify that I am conversant with the English and Japanese languages and am a competent translator thereof. I further certify that to the best of my knowledge and belief the English translation attached with the Declaration under 37 CFR 1.132 filed on November 13, 2009 is a true and correct translation made by me of the text of the book, Catalyst technology 3 Catalyst equipment and its design, at page 377, lines 18-19; page 377, lines 22-30; page 377, last line to page 378, line 3; and page 419, lines 7-13.

April, 22 2010

Date

Kenichi Hirasawa

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